Assignment 2: Part A:V
trip on a Principle of Design

DIDS111: Introduction to Interior Design Theory

Presented to Professor Junghee Kim

Submitted by Evelyne Frost

The Principles of Design throughout wineries of the world

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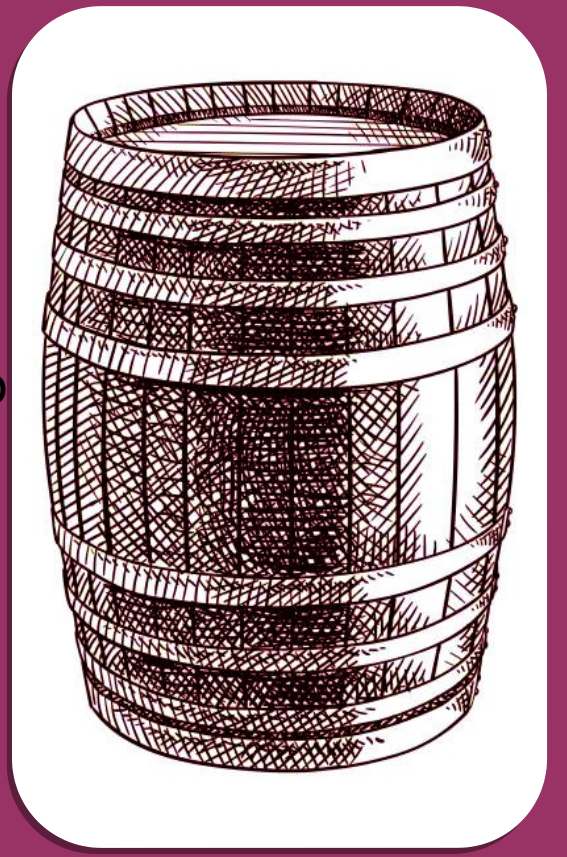


Figure 1: Google Image, (2025)

Introduction

This PowerPoint was created at the beginning of my journey as a student in Interior Design at Yorkville University. My goal is to bring my peers and my Professor Mrs. Junghee Kim to embark in a virtual field trip through the most beautiful wineries of the world, discover their architectures and tour the inside of those wineries looking at their interior designs while focusing on the principle of Design of Balance, Harmony, and Unity. Did you know that the architecture and Interior Design process and the process of making wine have a lot of similarities. Tink about all the flavors and notes, the choice of beryl meticulously selected and monitoring storage temperature to make the best wine. For an architect and an interior designer they need to carefully select the style of the home, the shape and forms, the size, proportions, scale and the choice of specific materials, texture, patterns and furniture and lightning to built the most aesthetic and functional home. Both have to pay close attention to details, understand their clients and their taste in order to narrow it down to the perfect bottle of wine or the perfect home for them. Throughout all of them, both of them want to enjoy the overall experience. Do you understand why I am saying that Architect and Interior Designer share lots of similarities with the process of wine making and the work of a wine expert at a winery. Of course, might as well enjoy a virtual glass of wine along the way

Defining the Design principles of Balance, Harmony, and Unity

BALANCE

Did you know that Balance is part of our DNA?

“In fact, there is not a single gene solely responsible for balance. However, Ancestry scientists have identified over 470 DNA markers link to balance, and variations in these markers can explain a small amount of the variation in people’s balance abilities.” Ancestry, (2025)

Balance is a key aspect of achieving harmony, functionality and aesthetically pleasing spaces. Balance can be reached by putting emphasis on equal distribution of visual weight within a room which brings comfort, calm and stability. The room simply feel more inviting and engage your curiosity and all your senses. Interior designers also rely on color, shape, texture and overall spatial distribution in order to bring the room to an equilibrium. Let’s have a look at some guidelines link to balancing visual weight to achieve balance;

- **“Dark elements are heavier than light shaded elements;**
- **Bright colors carry more “weight” than neutral colors;**
- **Large objects are heavier than small**
- **Complex and unusual shapes weight more than simple shapes;**
- **Several small objects closely grouped can balance a single object with the same area. (Interior Design Reference Manuel p. 3-2.)**

For example, “a triangle is often associated to harmony and stability, a square/rectangle are associated to order and reliability.” Google AI, (2025)

My favorite, the circle shape or round elements of decor brings without any doubt a sense of harmony, unity and a feeling of belonging and connection with your environment.

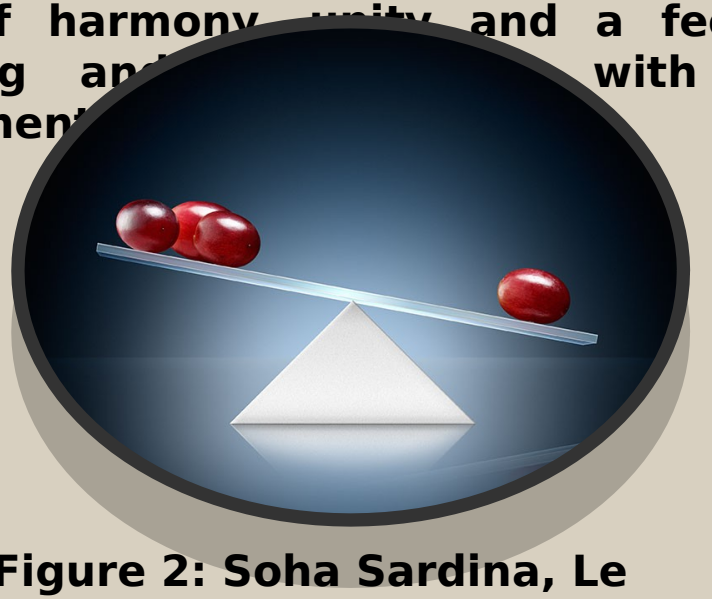
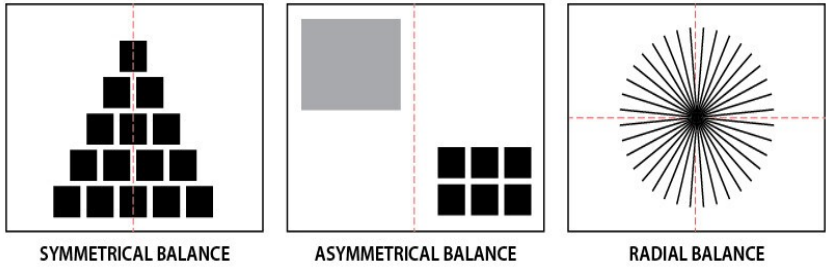


Figure 2: Soha Sardina, Le Cannonau, (2025)



Symmetrical Balance brings stability, formality, traditions, static, something bordun.

Asymmetrical Balance brings Informal, Dynamic, Rules are meat to be broken, less repetitions.

Radial Symmetry brings Focus and create specific attention.

Figure 3: Alma De Luce, (2025)

Francis D.K. Ching states “balance and symmetry are fundamental principles of design that help establish visual stability and harmony in built environments.” Ching & Binggeli, (2018)

Winston Churchill states “Like Tidiness is a virtue, Symmetry is often a constituent of Beauty.” Google AI Overview, (1949)

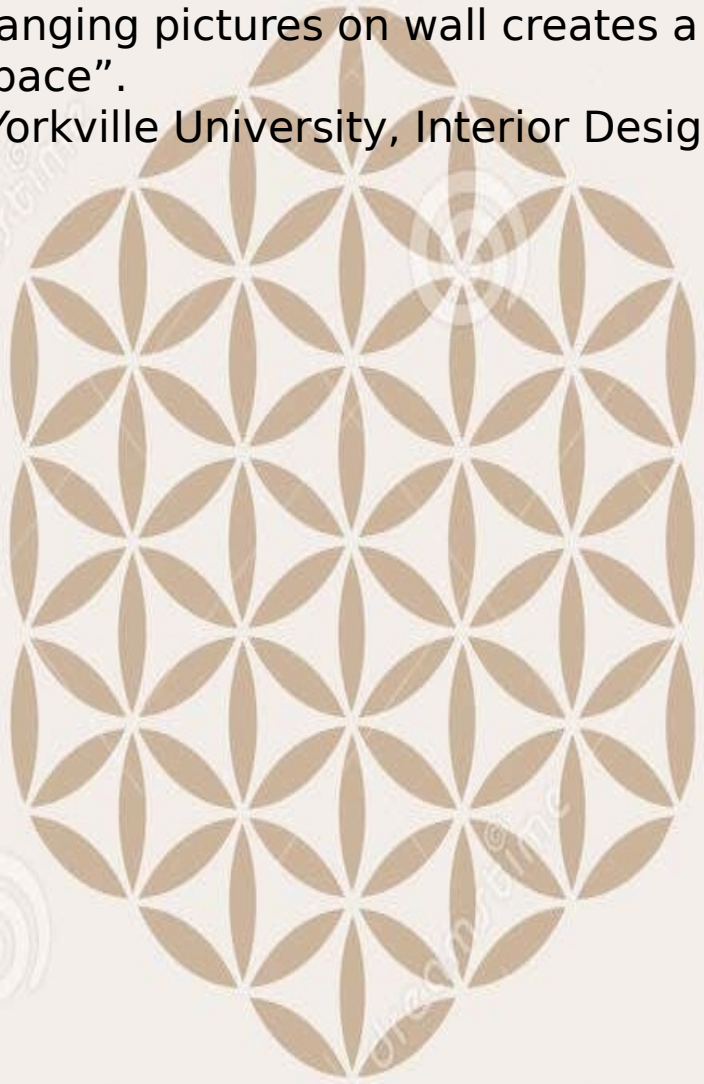
“Symmetry created Balance. For example, if an object is larger (or more dominant, saturated colour, or if texture is quite complex) then the secondary object need to be placed further away from the central point, or fulcrum to maintain balance.

There is three different type of Balance;

- **“Symmetrical*:*** Identical objects are equally arranged around one common central point (axis).
- **Asymmetrical**: It is the art of playing with visual of weights of different elements to create an interior composition responding to common axis and using texture, forms, colors and objects in one space. This type of balance offers opportunities within symmetrical or asymmetrical architecture. By doing so, it gives relief to the monotony of pure symmetry.”
- **Radial**: Oppose identical elements and is modified by incorporating different number of objects into a space around a central axis which creates approximate symmetry. Visual circulation is created by the rotation od these elements resulting in a dynamic that is less static.” Interior Design , (2025) Unit 5: Lecture, Reference Manuel p. 3-2.

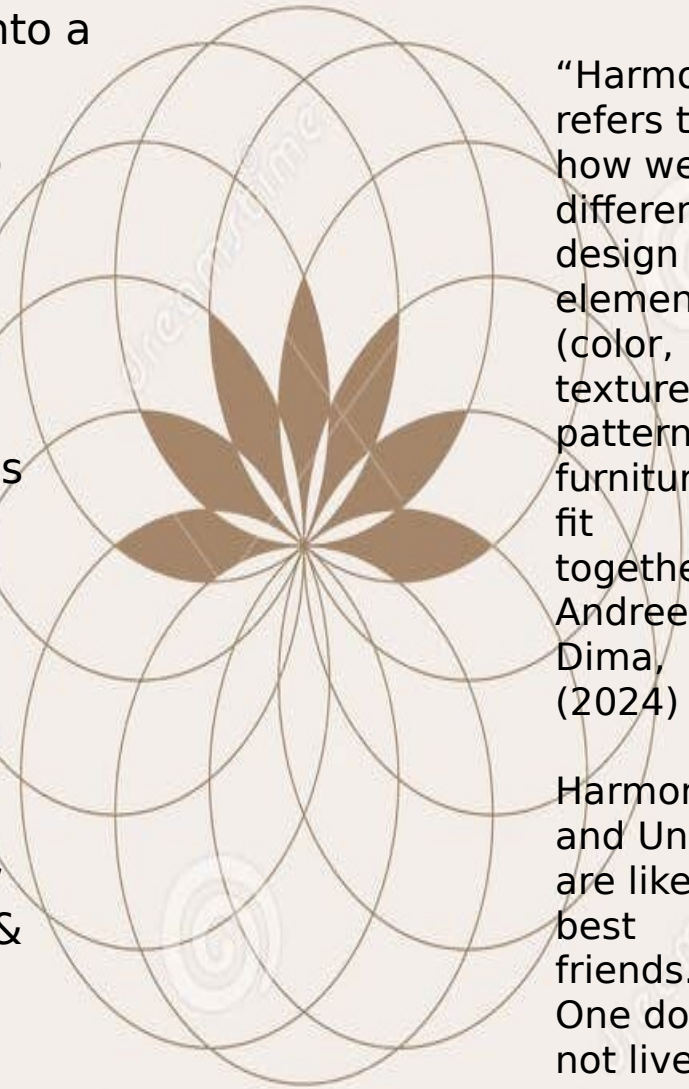
HARMONY

“Color, Shape, Form, Grouping similar elements, relating architecture forms to design, furniture placement,
hanging pictures on wall creates a link through form which can bring harmony into a space”.
(Yorkville University, Interior Design Program 2025, Unit 5 Lecture, slide 15-16).



Harmony feels like a puzzle to me.
It is fun, never boring and when all the pieces are put together it bring peace and comfort to a space.

There is no rules. Remember “***HOC*** is followed by ***REVU***” which stands for:
Harmony needs ***Opposite Concepts*** like ***Rythme*** & ***Emphasis*** or ***Variety*** & ***Unity.***



“Harmony refers to how well different design elements (color, texture, pattern, furniture) fit together”. Andreea Dima, (2024)

Harmony and Unity are like best friends. One does not live without the other one and vice

Figure 4: Dreamstime, (2025).

UNITY

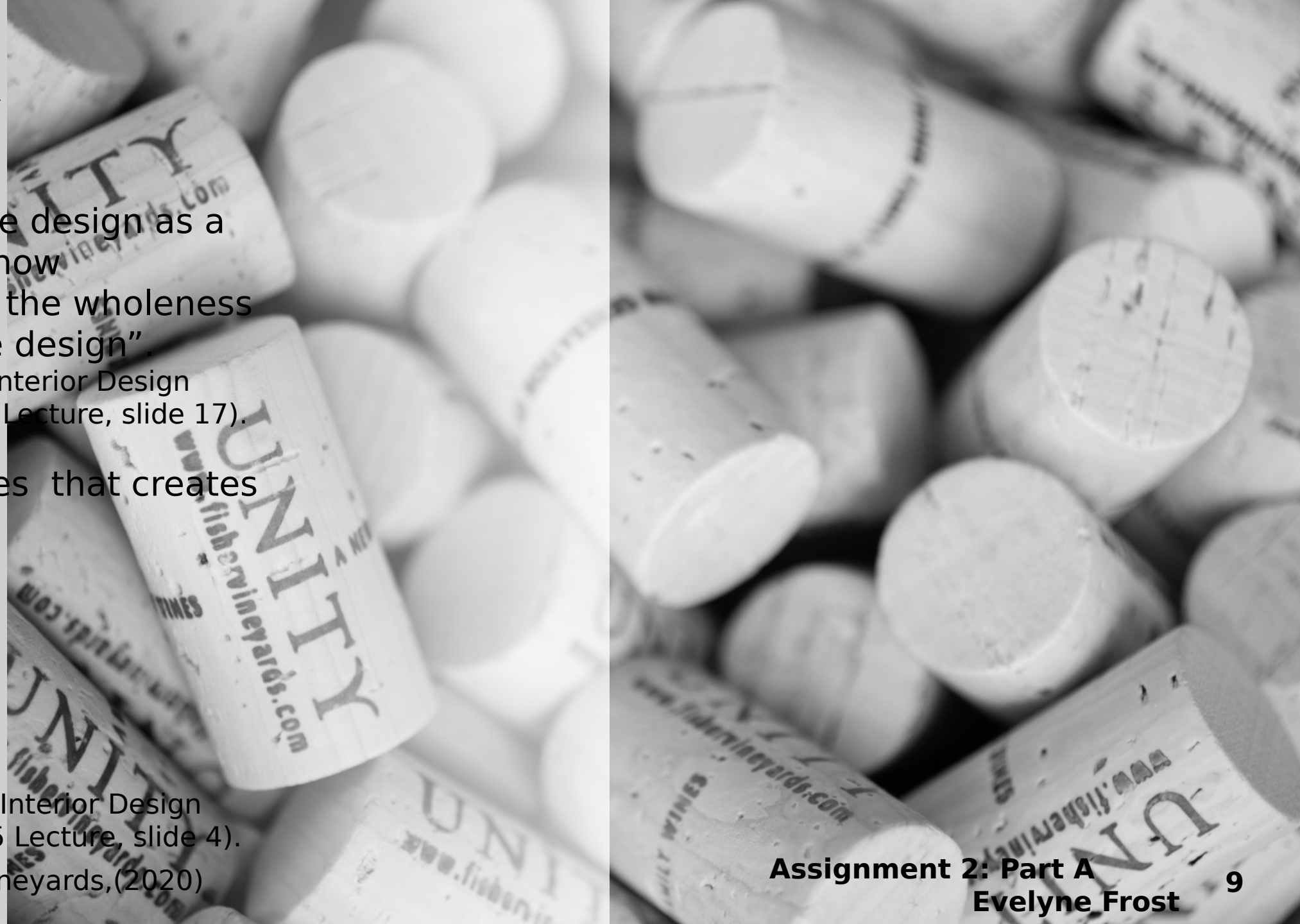
“Unity support the design as a whole and can show understanding of the wholeness or integrity of the design”.
(Yorkville University, Interior Design Program 2025, Unit 5 Lecture, slide 17).

Unifying Principles that creates Unity;

- Dominance;
- Economy;
- Movement;
- Proportion;
- Variety.

(Yorkville University, Interior Design Program 2025, Unit 5 Lecture, slide 4).

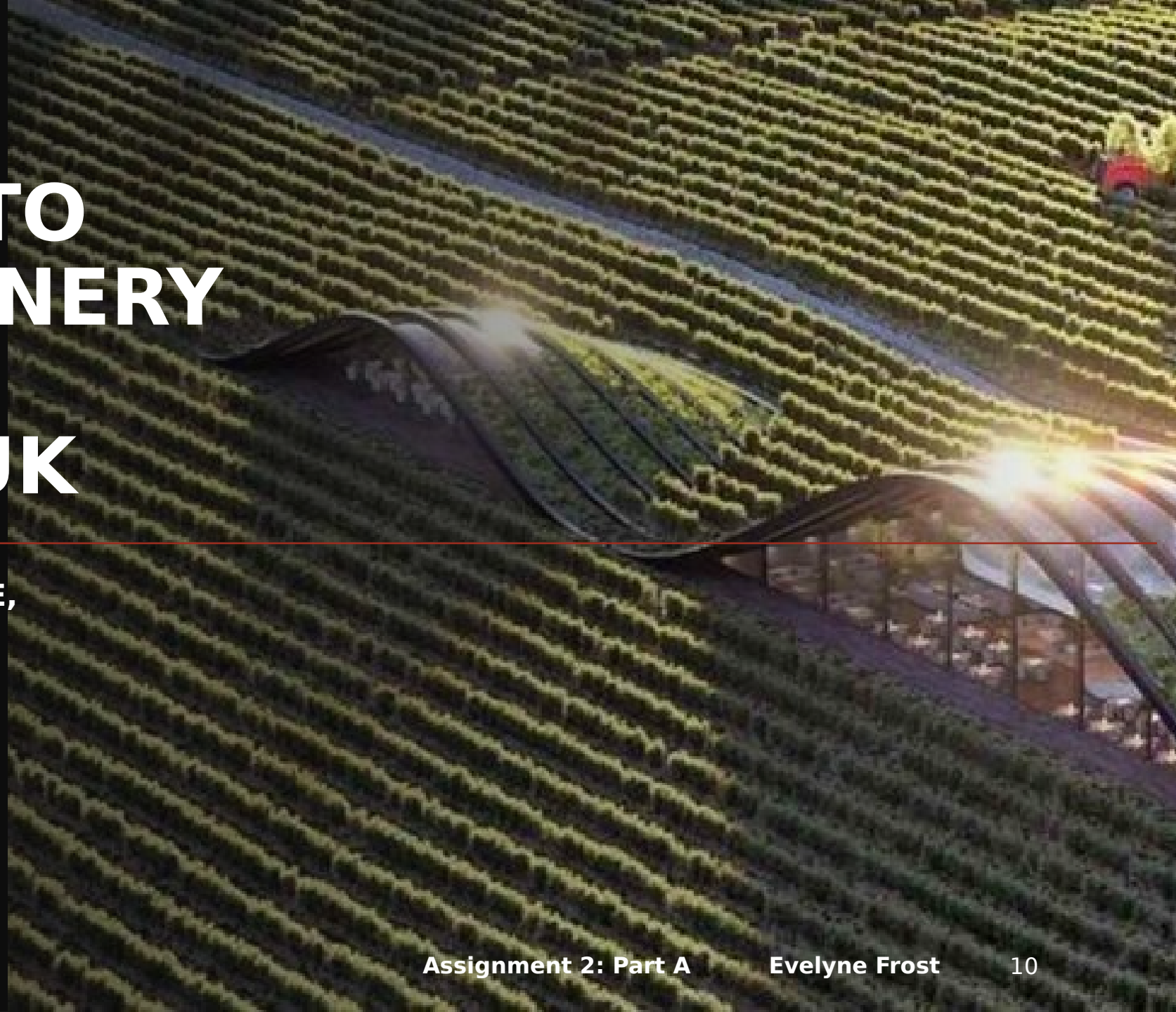
Figure 5: Fisher Vineyards,(2020)



WELCOME TO SHILDA WINERY KAKHETI, GEORGIA, UK

Designed BY X ARCHITECTURE, UK

Figure 6: Michael Archviz, (2016)



BALANCE **was reached by putting emphasis on the 3 artificial caves with equal distribution of the visual weight around a central axis which create movement and rhythm and show radial symmetry. The Architect and designer firm used the half circle shape, 24 modern stainless steel-built black modern beams and the curved textured roof as well as the grid system to reach equilibrium.**

Founded: 2015
Built: 2016
Property size: 2.5 Acres
Village: Kakheti
Population: 310 051 people in 2020
Near: Capital of Telavi
Country: Georgia
Location: Southern Caucasus mountains
Spatial organization: Grid
-The greenest winery ever built using thermal energy to cool down the building and keep the wine stored inside at optimal temperature.

Their solar panels produce a significant portion of the winery's electricity.
-Produce 75% of the country's total wine production.
-The winery usually produces 1.4 million bottles of wine yearly, spread out across 25 different varieties. East, (2019
-The central artificial cave Is used for Wine Tasting, East cave for wine knowledge sharing, and West cave for wine storing and wine making.
-This winery is known as the "Cradle of wine".

Figure 7: Michael Archviz. (2016)

HARMONY

The winery in embedded into the landscape and form one with its environment. Fine details like growing vines on the roof structure of the building to minimize impact and preserve the environment does not go unnoticed. The choice of windows and glass facades provide panorama view of vineyards and hill beyond the property. The elegante fusion between traditional and modern elements is a true masterpiece. You truly have to ask yourself if you are still inside the building or outside.

The grouping of 3-half circle creates a link through form which brings harmony into the space. Yorkville University, Interior Design, (2025),slide 15-16. The half circles are the focal points on the building which was clearly put in emphasis in this design and bring in movement and rhythm.

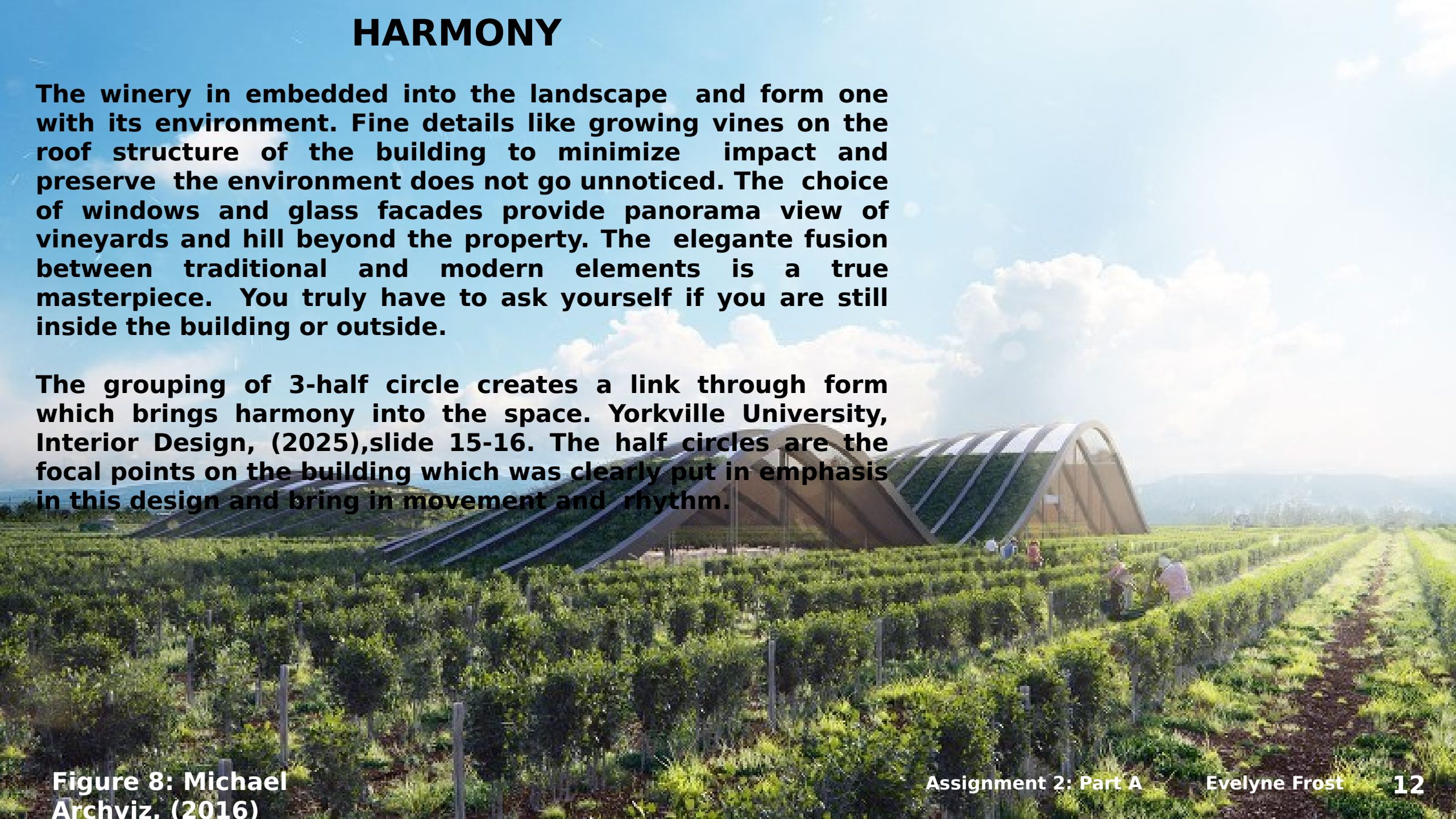


Figure 8: Michael Archviz. (2016)

The Shila Winery's Architecture and design connects the interior space to the jaw dropping scenery and makes one with its environment. The architecture and the design brings the feeling of comfort, relaxation, peace . The feeling of harmony, the sentiment to belong and moving as one with your environment amalgamated together forms Unity.

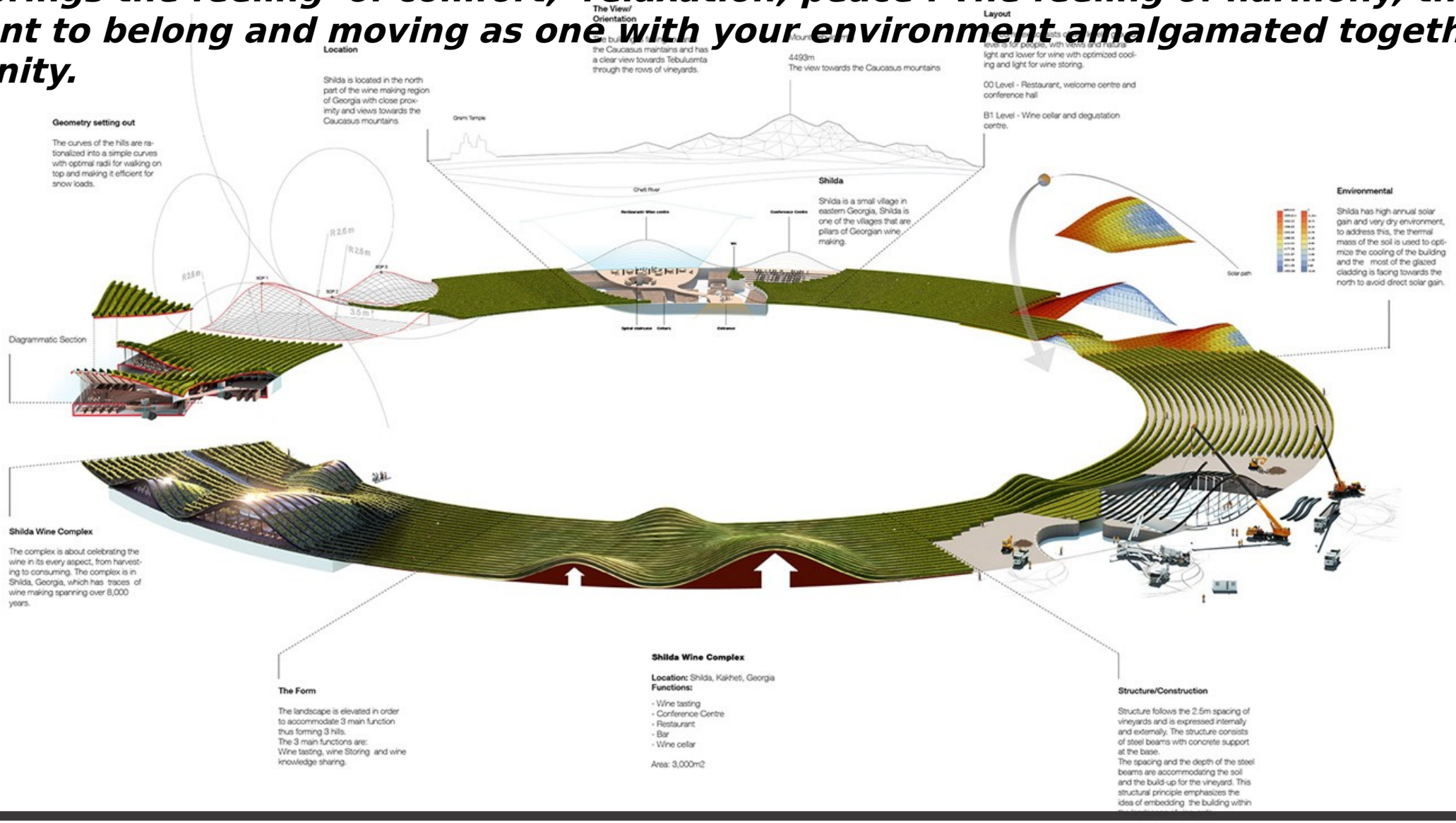

Location
Shilda is located in the north part of the wine making region of Georgia with close proximity and views towards the Caucasus mountains.
The View/ Orientation
the Caucasus maintains and has a clear view towards Tebulusmta through the rows of vineyards.
4493m
The view towards the Caucasus mountains
Layout
light and lower for wine with optimized cooling and light for wine storing.
00 Level - Restaurant, welcome centre and conference hall
B1 Level - Wine cellar and degustation centre.
Geometry setting out
The curves of the hills are rationalized into a simple curves with optimal radii for walking on top and making it efficient for snow loads.
Shilda
Shilda is a small village in eastern Georgia, Shilda is one of the villages that are pillars of Georgian wine making.
Environmental
Shilda has high annual solar gain and very dry environment, to address this, the thermal mass of the soil is used to optimize the cooling of the building and the most of the glazed cladding is facing towards the north to avoid direct solar gain.
Diagrammatic Section
Shilda Wine Complex
The complex is about celebrating the wine in its every aspect, from harvesting to consuming. The complex is in Shilda, Georgia, which has traces of wine making spanning over 8,000 years.
The Form
The landscape is elevated in order to accommodate 3 main function thus forming 3 hills.
The 3 main functions are:
Wine tasting, wine Storing and wine knowledge sharing.
Shilda Wine Complex
Location: Shilda, Kakheti, Georgia
Functions:
- Wine tasting
- Conference Centre
- Restaurant
- Bar
- Wine cellar
Area: 3,000m2
Structure/Construction
Structure follows the 2.5m spacing of vineyards and is expressed internally and externally. The structure consists of steel beams with concrete support at the base.
The spacing and the depth of the steel beams are accommodating the soil and the build-up for the vineyard. This structural principle emphasizes the idea of embedding the building within

Figure 9: Michael Archviz, (2016)

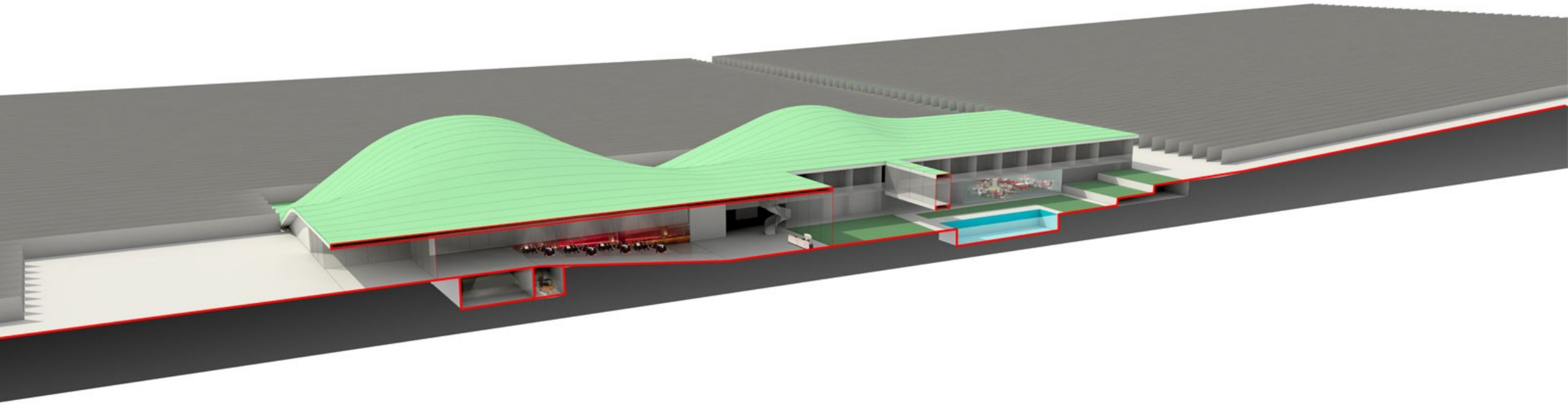


Figure 10: Michael Archviz, (2016)

Special Policies in Place

Due to the exclusivity of Shilda wine tasting complex in Kakheti combined to a promoting strategies, I could not find any inside photograph of the complex despite my extensive attempts. Several wineries like Shilda Tasting Complex rely on this strategy to physically bring clients to their wineries and have no inside photographs policy in place. Some wineries do not go to the extend but restrict certain locations within their estate to photographs or do not allow professional photographer or use of drones on their estate. For example, Mission Hills in Kelowna, British Columbia and Charles Krug Winery, St. Helena, California are great example of this strategy and policy. Therefore, I have gathered a few photographs from Kakheti wineries within the same area that could show a little bit what it might look like on this inside.

What Shilda Wine Tasting Room might look like based on style (modern & Contemporary), shape (half circle), material used (black steel beams and concrete) to build Shilda Wine Tasting Complex.

Figure 11: Boys Play Nice, (2023)

Figure 12: Peek Travel Inc, (2025)

Wine Storage/ Wine Making Cave (West)

- Shilda Winery Storage and processing rooms are located in the West artificial cave.

•You can see it is very organized and structured and gives a modern and industrial vibe especially in the wine mixing rooms due to stainless steel tanks and tile floor.

•The white walls of the storage rooms bring some brightness and give a perspective that the rooms is bigger and more spacious. The light beige brick color brings texture and softness to the room.

•The processing room is symmetrical which allowed to have more wine mixing tanks and produce more wine.

•Visually the storage and wine making room elements are well balance and in harmony with the remaining of the design. Overall, you can feel relax, comfortable and curious and feel like all the elements belong and make one with the design. Unity has been reached !

Figure 13: Boys Play Nice, (2023)

Figure 14: Ghvinos, (2025)

Conclusion

The utilisation of the principles of design are essentials to Interior Design. Weather it is line, shape, form, space, texture, value and color or a combination of the principles together, they all play a key role in design. Symmetry, Asymmetry or Radial Symmetry all bring balance to a space their own way. Once balance is reached, pay close attention to details and observe how you can manipulate all the puzzle pieces and make them fit together. You can use the unifying principle (variety, proportion, dominance, movement and economy) if necessary in order to reach harmony throughout the space and the design inside and out. Remember, your life experience influence your abilities to create balance and harmony. From there, you need to take a look at the building and its surroundings as a whole and unique design.

As you can see, Balance, Harmony and Unity can be reached in any kind of design and building, structure. It was very interesting and special to review Balance, Harmony and Unity throughout the Wineries of the World starting with Shilda Wine Tasting Complex in Kakheti, Georgia. I am looking forward to discover other wineries of the world. I hope you

Part A: References

Ancestry, (2025)

Andreea Dima, (2024). Achieving Unity in Interior Design Concepts, Awe Deco

Francis D.K. Ching, & Binggeli, C. (2018). *Interior design illustrated* (4th ed.). John Wiley & Sons, Inc.

Google Image, (2025)

Google AI, (2025)

Yorkville University, (2025), Interior Design Program, Unit 5: Lecture, Reference Manuel p.

Yorkville University, Interior Design Program 2025, Unit 5 Lecture, slide 4.

Yorkville University, (2025), Interior Design Program, Unit 5: Lecture, slide 17.

Winston Churchill (1949). “The Sinews of Peace: Post-war Speeches”

PART A: FIGURES

- Figure 1: Wine Barrel
- Figure 2: Balance photograph
- Figure 3: Symmetrical Balance, Asymmetrical Balance, Radial Balance
- Figure 4: Harmony Symbol
- Figure 5: Unity Wine Cork
- Figure 6: Shilda Wine Tasting Complex, Kakheti (North-West view)
- Figure 7: Shilda Wine Tasting Complex, Kakheti (Front View, Isometric Drawing)
- Figure 8: Shilda Wine Tasting Complex, Kakheti (West view)
- Figure 9: Shilda Wine Tasting Complex, Kakheti (Circle view)
- Figure 10: Shilda Wine Tasting Complex, Kakheti (Rear View)
- Figure 11: Gurdau Winery in the Czech Republic might resemble Shilda Wine Tasting Room
- Figure 12: Bodega Izadi, Spain might resemble Shilda Wine knowledge sharing room.(East artificial cave)
- Figure 13: Gurdau Winery in the Czech Republic might resemble to Shilda wine storage/making room.
- Figure 14: Gurdau Winery in the Czech Republic resemble to Shilda wine Tasting Complex, Kakheti.

Part A: RESOURCES

Figure 1: https://www.istockphoto.com/search/2/image?mediatype=illustration&phrase=drawing+of+wine+barrel
Figure 2: https://www.sohasardinia.com/gb/content/10-the-cannonau
Figure 3: https://www.almadeluce.com/blog/symmetry-and-balance-in-interior-design-the-secret-to-perfect-harmony/
Figure 4: https://www.dreamstime.com/yantra-mandala-seed-life-flower-mystical-lotus-set-sacred-geometry-symbols-harmony-balance-retro-style-vector-isolated-image375660975
Figure 5: https://www.fishervineyards.com/unity
Figure 6: https://www.designer-daily.com/the-stunning-architecture-of-shilda-winery-87222
Figure 7: https://www.x-architecture.co.uk/project/shilda/
Figure 8: https://www.x-architecture.co.uk/project/shilda/
Figure 9: https://www.x-architecture.co.uk/project/shilda/
Figure 10: https://www.x-architecture.co.uk/project/shilda/
Figure 11: https://www.contemporist.com/curved-green-roof-allows-this-winery-to-blend-into-the-landscape/
Figure 12: https://www.peek.com/eskuernaga-euskadi-spain/r0n7wyg/wineries-wine-tastings/c0xzz?activity_id=a0448zb&list_info=Region%3AEskuernaga%7CCategory%3Ac0xzz%7C1
Figure 13: https://www.contemporist.com/curved-green-roof-allows-this-winery-to-blend-into-the-landscape/
Figure 14: https://ghvinos.com/blogs/main-blog/why-not-all-wines-are-natural-or-low-intervention